

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended): A measuring apparatus for measuring the load of an elevator car suspended, within a hoistway, by a tension member that includes ~~within a hoistway, a termination at one end of the tension member, thereof, the apparatus comprising:~~

a mounting plate for attaching the termination relative the ~~hoistway, and~~ hoistway;

a hitch for attaching the termination to the mounting ~~plate, the apparatus comprising:~~  
plate;

a load cell positioned between the hitch and the mounting ~~plate wherein~~ plate, the load cell being configured to generate ~~generates~~ a signal proportional to the ~~load and load; and~~

a self-aligning washer located between the hitch and the load cell, the self-aligning washer comprising a first portion interfacing with the load cell and a second portion interfacing with the ~~hitch and~~ hitch,

wherein the first portion and second portion are ~~adapted~~ configured to interface with each other to maintain the hitch in a position normal to the load cell.

2. (Previously presented): The measuring apparatus of claim 1 wherein the load cell comprises an annular shape.

3. – 4. (Canceled).

5. (Currently Amended): The measuring apparatus of claim 1 wherein the elevator car is configured ~~adapted~~ to move along a guiderail positioned in the hoistway, and

wherein the mounting plate is fixed to the guiderail.

6. (Currently Amended): The measuring apparatus of claim 1 ~~further includes~~  
comprising:

a beam ~~located~~ located at the top of the hoistway and ~~wherein~~ attached to the mounting plate ~~is attached to the beam~~.

7. (Previously Presented): The measuring apparatus of claim 1 wherein the hoistway is defined by an elevator shaft and the mounting plate is attached to the elevator shaft.

8. (Previously Presented): The measuring apparatus of claim 6 wherein the termination is attached to the beam.

9. (Currently Amended): A measuring apparatus for measuring the load of an elevator including a car suspended, within a hoistway, by plurality of tension members each of which tension members includes within a hoistway, and a termination at one end of each of the plurality of tension members, thereof, the apparatus comprising:

a mounting plate for attaching the plurality of terminations relative the ~~hoistway~~,  
hoistway;

a plurality of hitches for attaching each of the plurality of terminations to the mounting plate;

a load cell positioned between each of the plurality of hitches and the mounting plate wherein each load cell ~~generates~~ is configured to generate a signal proportional to the ~~load load~~; and

a self-aligning ~~washers~~ washer located between each of the plurality of hitches and each load cell, each of the self-aligning washers comprising a first portion interfacing with the load cell and a second portion interfacing with the ~~hitch~~ and hitch,

wherein the first portion and second portion ~~are adapted of each self-aligning washer are configured~~ to interface with each other to maintain the hitch in a position normal to the load cell.

10. – 12. (Canceled).

13. (Currently Amended): The measuring apparatus of claim 9 wherein the elevator car is configured ~~adapted~~ to move along a guiderail positioned in the hoistway, and

wherein the mounting plate is fixed to the guiderail.

14. (Currently Amended): The measuring apparatus of claim 9 ~~further includes~~ comprising:

a beam ~~located~~ located at the top of the hoistway and ~~wherein attached to the~~  
mounting plate ~~is attached to the beam~~.

15. (Previously Presented): The measuring apparatus of claim 9 wherein the hoistway is defined by an elevator shaft and the mounting plate is attached to the elevator shaft.

16. (Previously Presented): The measuring apparatus of claim 14 wherein the termination is attached to the beam.

17. (Currently Amended): The measuring apparatus of claim 1  
wherein the first portion ~~further comprising~~ comprises one of a convex and concave surface for interfacing with a surface of the second portion, and  
wherein the surface of the second portion ~~further comprising~~ comprises the other one of a convex and concave surface.

18. (New): An elevator system comprising:  
an elevator car configured for movement within a hoistway;  
a tension member that includes a termination at one end thereof; and  
a measuring apparatus for measuring a load of the elevator car suspended within the hoistway, by the tension member, the measuring apparatus comprising:  
a mounting plate for attaching the termination relative the hoistway;  
a hitch for attaching the termination to the mounting plate;  
a load cell positioned between the hitch and the mounting plate, the load cell being configured to generate a signal proportional to the load; and  
a self-aligning washer located between the hitch and the load cell, the self-aligning washer comprising a first portion interfacing with the load cell and a second portion interfacing with the hitch,  
wherein the first portion and second portion are configured to interface with each other to maintain the hitch in a position normal to the load cell.

19. (New): The elevator system of claim 18, wherein the load cell comprises an annular shape.

20. (New): The elevator system of claim 18, further comprising:  
a guiderail positioned in the hoistway,  
wherein the elevator car is configured to move along the guiderail, and  
wherein the mounting plate is fixed to the guiderail.

21. (New): The elevator system of claim 18,  
wherein the hoistway is defined by an elevator shaft, and  
wherein the mounting plate is attached to the elevator shaft.

22. (New): The elevator system of claim 18,  
wherein the first portion comprises one of a convex and concave surface for  
interfacing with a surface of the second portion, and  
wherein the surface of the second portion comprises the other one of a convex and  
concave surface.

23. (New): The elevator system of claim 18, further comprising:  
a beam located at the top of the hoistway and attached to the mounting plate.

24. (New): The elevator system of claim 23, wherein the termination is attached to  
the beam.